WHAT IS CLAIMED IS:

1.   An apparatus for forming a multiplexed transport stream to deliver an interactive program guide, the apparatus comprising:

an encoder and packetizer adapted (i) to receive a plurality of video inputs, an audio input, and a plurality of data inputs, and (ii) to encode and packetize the inputs to generate a plurality of video packet streams, an audio packet stream, and a plurality of data packet streams; and

a multiplexer and assigner adapted (i) to receive the plurality of video packet streams, the audio packet stream, and the plurality of data packet streams, (ii) to assign program identifiers (PIDs) to said packet streams, and (iii) to multiplex said packet streams to form the transport stream.

2.   A method for forming a multiplexed transport stream to deliver an interactive program guide.

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